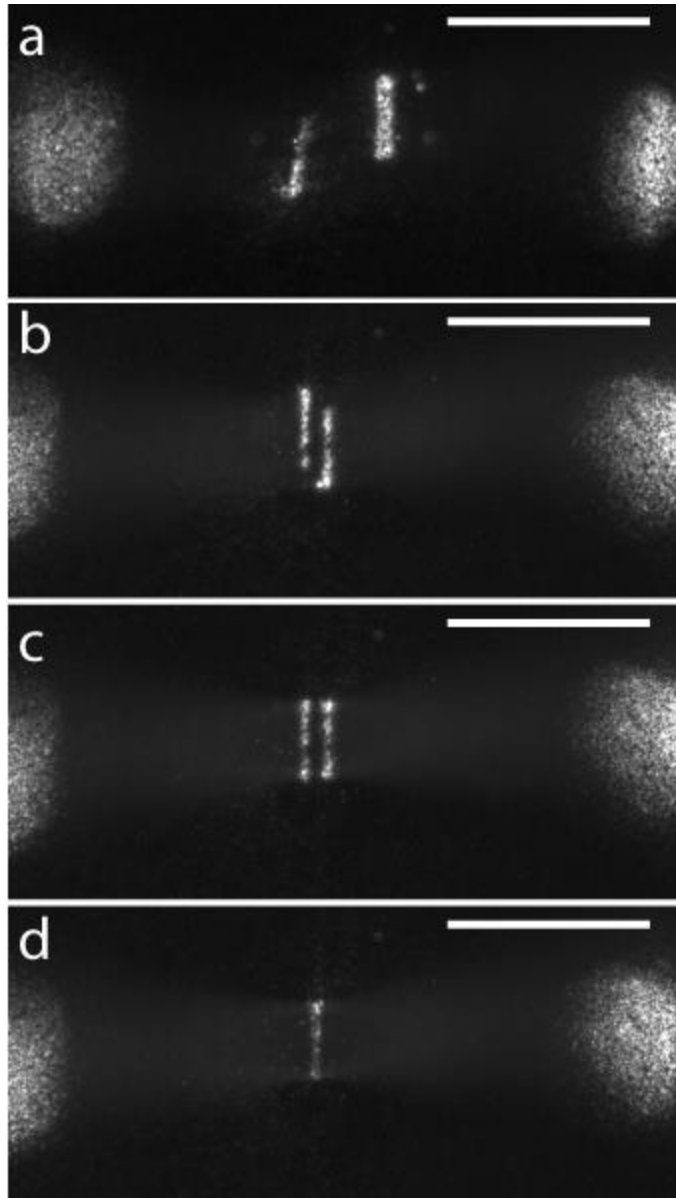


Fine adjustment of light sheets, as viewed in the bottom camera



a. The left-most sheet is tilted. **b.** Rotating the scanner associated with this sheet corrects the tilt, but the two sheets are offset vertically with respect to each other. **c.** Adjusting the ‘Y galvo offset’ parameter in the diSPIM Control.vi correctly aligns the vertical offset of the two sheet, but they are still offset in the horizontal direction. **d.** Bringing the diSPIM module down, towards the coverslip, moves the sheets together until they are aligned. The sample is a coverslip coated with yellow-green fluorescent beads. Scalebars: 200 μm .